Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Canceled)

2. (Currently Amended) The method as claimed in ~~claim 1~~ claim 19 wherein said digital image is a digitized image of an X-ray film.

3. (Currently Amended) The method as claimed in ~~claim 1~~ claim 19 wherein said digital image is a digital mammogram.

4. (Currently Amended) The method as claimed in ~~claim 1~~ claim 19 further comprising visually analyzing said digital image to identify one or more user-detected abnormalities, said visual analysis being performed before said step of displaying and wherein said user-detected abnormalities are re-assessed based on said information provided by said coded descriptors.

5. (Original) The method as claimed in claim 4 wherein said digital image is a digitized image of an X-ray film and wherein said visual examination is performed on said X-ray film.

6. (Currently Amended) The method as claimed in ~~claim 1~~ claim 19 further comprising visually analyzing said digital image to identify one or more user-detected abnormalities said visual examination being performed with said coded descriptors being displayed simultaneously such that a user can refer to said coded descriptors while performing said visual analysis.

7. (Original) The method as claimed in claim 6 wherein said digital image is a digitized image of an X-ray film and wherein said visual examination is performed on said X-ray film.

8. (Currently Amended) The method as claimed in ~~claim 1~~ claim 19 wherein said one or more coded descriptor displayed in the image is selected by a user.

9. (Currently Amended) The method as claimed in ~~claim 1~~ claim 19 wherein said coded descriptors also provide information on probability that said CAD-detected abnormalities are indicative of a disease state.

10. (Canceled)

11. (Currently Amended) The method as claimed in ~~claim 10~~ claim 19 wherein the alpha-numeric information is based on Breast Imaging Reporting and Data System (BI-RADS).

12. (Currently Amended) The method as claimed in ~~claim 10~~ claim 19 wherein said alpha-numeric information is a sentence describing in medical terms said CAD-detected abnormalities.

13. (Currently Amended) The method as claimed in ~~claim 10~~ claim 19 wherein said visual markers comprise border delineations of regions.

14. (Currently Amended) The method as claimed in ~~claim 10~~ claim 19 wherein said visual markers comprise one or more highlighted feature used by CAD for determining likelihood of abnormality.

15. (Original) The method as claimed in claim 14 wherein said highlighted feature is selected from size, brightness, location, density, number and length of spicules.

16.   (Original) The method as claimed in claim 14 wherein said highlighted feature comprise individual calcifications within a micro-calcification cluster.

17.   (Currently Amended) The method as claimed in ~~claim 10~~ claim 19 wherein said visual markers are color coded according to said probability that the CAD-detected abnormalities are indicative of a disease state.

18.   (Previously presented) The method as claimed in claim 17 wherein said visual markers are of a same color and wherein a level of probability is indicated by a predetermined shade of said same color.

19.   (Previously Presented) A method for displaying results of a computer aided detection (CAD) analysis of a digital image, the method comprising:

i) analyzing the digital image using CAD analysis to identify one or more CAD-detected abnormalities;

ii) generating one or more coded descriptors for said CAD-detected abnormalities wherein said coded descriptors provide information on one or more criteria used by said CAD analysis to identify said CAD-detected abnormalities; and

iii) displaying said digital image with the one or more coded descriptors;

wherein said one or more coded descriptors is selected from visual markers, alpha-numeric information or a combination thereof; and

wherein said visual markers can be displayed with varying degrees transparency.

20.   (Original)   The method as claimed in claim 19 wherein said degrees of transparency to display the visual markers vary dynamically.

21.   (Canceled)

22.   (Canceled)

23.   (Canceled)

24.   (Canceled)

25.   (Canceled)

26.   (Canceled)

27.   (Canceled)

28.   (Canceled)